

Doc Code:

PTO/SB/51 (10-05)

Approved for use through 04/30/2007. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Docket Number (Optional)

72478-3400

REISSUE APPLICATION DECLARATION BY THE INVENTOR

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 5,993,543, granted November 30, 1999 and for which a reissue patent is sought on the invention entitled METHOD OF PRODUCING PLASMA DISPLAY PANEL WITH PROTECTIVE LAYER OF AN ALKALINE EARTH OXIDE

the specification of which

☐ is attached hereto.

☒ was filed on November 29, 2001 as reissue application number 09/997,988 and was amended on 9/1/04; 9/27/06; 11/22/06 (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☒ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The original independent claims 1, 5, 21 and 27 in US Patent No. 5,993,543 claimed a step of charging each cell with a discharge gas which was less than the patentee had a right to claim. Additionally, the original independent claims 1, 5, 21 and 27 claimed a protecting layer of an alkaline earth oxide with one of (100)-face orientation and (110)-face orientation which was more than patentee had a right to claim over the prior art of record and accordingly original independent claims 1, 5, 21 and 27 and the new independent claims 28, 32, 48, 54 and 55 claim a (110)-face orientation for a specific protective layer such as a magnesium oxide in claims 1, 5, 27, 28, 32, 54 and 55 and an alkaline earth compound selected from the group consisting of $M(C_{11}H_{19}O_2)_2$, $M(C_5H_7O_2)_2$, $M(C_5H_5F_3O_2)_2$, and $M(C_5H_5)_2$, wherein M represents one of magnesium, beryllium, calcium, strontium, and barium in Claims 21 and 48.

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This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
72478-3400

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:

☒ The address associated with Customer Number:

52044

OR

☐ Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Email

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of first joint inventor (given name, family name)

Masaki Aoki

Inventor's signature

Masaki Aoki

Date

June 22, 2007

Residence Minoh-shi, Japan

Citizenship Japan

Mailing Address 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571-8501 Japan

Full name of second joint inventor (given name, family name)

Hideo Torii

Inventor's signature

Hideo Torii

Date

June 22, 2007

Residence Higashiosaka-shi, Japan

Citizenship Japan

Mailing Address 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571-8501 Japan

☒ Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached

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PTO/SB/02A (07-06)

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DECLARATION**ADDITIONAL INVENTOR(S)**

Supplemental Sheet

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Eiji		Fujii		
Inventor's Signature	<i>Eiji Fujii</i>			Date <i>June 22, 2007</i>
Residence: City	Hirakata-shi	State	Osaka-fu	Country Japan
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City	Kadoma-shi	State	Osaka-fu	ZIP 571-8501
Country Japan				
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Mitsuhiro		Ohtani		
Inventor's Signature	<i>Mitsuhiro Ohtani</i>			Date <i>June 22, 2007</i>
Residence: City	Sakai-shi	State	Osaka-fu	Country Japan
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City	Kadoma-shi	State	Osaka-fu	ZIP 571-8501
Country Japan				
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Takashi		Inami		
Inventor's Signature	<i>Takashi Inami</i>			Date <i>June 28, 2007</i>
Residence: City	Suita-shi	State	Osaka-fu	Country Japan
Mailing Address 1006, Oaza Kadoma				
City	Kadoma-shi	State	Osaka-fu	ZIP 571-8501
Country Japan				

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 4 of 5

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
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Inventor's Signature	Hiroyuki Kawamura			Date July 5, 2007	
Residence: City	Katano-shi	State	Osaka-fu	Country	Japan
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City	Kadoma-shi	State	Osaka-fu	ZIP	571-8501
Country		Japan			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
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Hiroyoshi		Tanaka			
Inventor's Signature	Hiroyoshi Tanaka			Date July 6, 2007	
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Country		Japan			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
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Ryuichi		Murai			
Inventor's Signature	Ryuichi Murai			Date June 26, 2007	
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Country		Japan			

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 5 of 5

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
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City	Kadoma-shi	State	Osaka-fu	Country Japan
ZIP 571-8501				
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Yutaka		Nishimura		
Inventor's Signature	Yutaka Nishimura			Date June 28, 2007
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City	Kadoma-shi	State	Osaka-fu	Country Japan
ZIP 571-8501				
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Katsuyoshi		Yamashita		
Inventor's Signature	Katsuyoshi Yamashita			Date July 3, 2007
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Mailing Address 1006, Oaza Kadoma				
City	Kadoma-shi	State	Osaka-fu	Country Japan
ZIP 571-8501				

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